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PID/IB 321/63
18 November 1963
Copy # 13

MEMORANDUM FOR: Chief, Manufacturing & Services Division, ORR

ATTENTION: [REDACTED]

THRU: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Pai-Yin-Ch'ang Explosives Plant

REFERENCES: Requirement No. C-RR3-80,522/63
CIA Project No. C 1428/63

1. This memorandum is in answer to the above referenced requirement which requests a layout, description and annotated enlargement of the explosives plant at Pai-Yin-Ch'ang, Communist China.

2. Enclosed with this memorandum are the following two enlargements of the explosives plant:

- (a) Probable Plant No. 805
CIA/PID/IB/P-692/63
- (b) Probable Plant No. 805
CIA/PID/IB/P-693/63

These graphics have been annotated by numbers only and these numbers will be referred to in this memorandum.

3. As of the latest photography [REDACTED] this plant was not completed but most of its facilities have, at least, been partially completed. The plant consists of a manufacturing area (Annotation 1) and a storage area (Annotation 2). Both areas will be rail served but at the present the track has only been laid into the manufacturing area from the north (Annotation 3). This rail spur has many branches which service the coal yard (Annotation 4) of the power plant (Annotation 5), the inert storage or processing buildings (Annotation 6) and the possible acid plant areas (Annotation 7). A probable water pumping and storage facility (Annotation 8) is located just west of

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the manufacturing area. A detailed description of the remaining plant facilities is not possible at this time. However, the flow of material during production appears to be from north to south and therefore the large earth-revetted buildings (Annotation 9) south of the possible acid plants probably contain the main explosive production facilities. An overhead pipe system connects these buildings and the possible acid plants. The curing, resting, and final processing is probably done in the buildings (Annotation 10) south of these main processing buildings. Along the southern boundary of the manufacturing area are buildings (Annotation 11) which will be rail served and in which the final product will probably be held prior to shipment or storage. The storage area (Annotation 2) has thirteen buildings in it but only five of them are (Annotation 12) revetted.

4. The construction activity between [REDACTED] [REDACTED] can be determined by comparing the graphics enclosed. All the earth revetments present in the latest photography have been constructed since 1960. The earlier coverage shows the rail spur extending into the manufacturing area and the beginnings of a road bed toward the storage area. The road bed now enters the storage area in two places but no tracks have been laid. The sidings to the coal yard and the western most acid plant are also now. The coal yard, power plant, water pumping and storage facility and the possible acid plants have apparently been completed since [REDACTED]. The foundations for the overhead pipe system were present in 1960 but now most of these supports have been erected and some piping can be found on them. The multitude of open trenches which extend in all directions within the manufacturing area appear to be new since [REDACTED]. In addition, the buildings in the storage area have been completed.

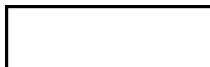
5. The product to be made in this plant when it is completed can not be determined at present. It is possible that sections of this plant are capable of a limited production, but the plant, as a whole, is still under construction and not capable of full production. A large quantity of heat and power is required to operate an explosives plant. The light tone of the coal yard indicates that little or no coal has been placed here. No smoke is being emitted from the power plant stack or any other buildings. This could mean that no heat or power is being produced in this plant. By 1963 much of the overhead pipeline system is in place; however, it is still incomplete. Only the section from the western most acid plant

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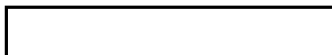
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to the main processing building south of it seems finished. The numerous open trenches in the manufacturing area are probably for various types of power lines, control systems and piping which has as yet not been placed. The railroad lines to remove the finished product and to place it in the storage area have not been laid.

6. The photo analyst on this project was [redacted] who may be contacted on extension [redacted] should you have any further questions concerning this project. This is considered a complete answer to the requirement.

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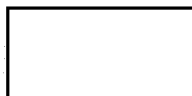


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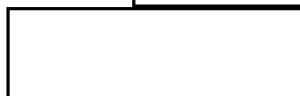
Enclosures:

Two annotated enlargements - CIA/PID/IB/P-692 and 693/63.

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